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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/533,000	09/23/2005	Pasi Kakkonen	DB001177-000	1677
24122 7590 04/16/2007 THORP REED & ARMSTRONG, LLP ONE OXFORD CENTRE 301 GRANT STREET, 14TH FLOOR PITTSBURGH, PA 15219-1425			EXAMINER NGUYEN, JIMMY T	
			ART UNIT 3725	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		04/16/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/533,000

Applicant(s)

KAKKONEN, PASI

Examiner

Jimmy T. Nguyen

Art Unit

3725

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 January 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-6 and 8-15 is/are pending in the application.
- 4a) Of the above claim(s) 3-6 and 11-14 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,8-10 and 15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 January 2007 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
- Paper No(s)/Mail Date _____.

- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

The amendment filed on January 16, 2007 has been entered and considered and an action on the merits follows.

Response to Arguments

Applicant's arguments filed January 16, 2007 have been fully considered. The applicant argued that claims 3-6 now depend from a proper claim 1 and have not been previously treated in Examiner's Office action, this argument have been considered. However, claims 3-6 are continue to be untreated because they belong to non-elected species as set forth in the previous Office action. Accordingly, claims 3-6 are continue to be treated as withdraw claims in this Office action because their generic claim 1 is not found allowable as set forth below.

After further consideration, the allowability of claim 8 has been withdrawn. Therefore, this Office action is not made Final. The previously objected claim 9 is also rejoined in this Office action. The previously withdrawn claims 11-14 maintain withdrawn from consideration because their generic claim 8 is not found allowable as set forth below. The Examiner regrets any inconvenience.

Drawings

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the drawing of "said second frame is removable connected to the first frame" (claim 8, the last two lines and claim 15, line 3) must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Objections

Claim 8 is objected to because of the following informalities:

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Regarding line 7, the recitation “the said second frame” is confusing and it appears to be a typo error. It is suggested that the word “said” be deleted.

Appropriate correction is required.

Specification

The abstract filed January 16, 2007 has been acknowledged. However, the recitation “both of the stacks or part of the stacks being useable ... as a combination together with the other stack ...” is objected to because it implied that it could be three stacks in the calender arrangement. The specification does not provide support for the calender arrangement having three stacks.

The specification is objected to under 37 CFR 1.71 as not clearly describing the subject matter.

The specification discloses “a second frame 42 is removably attached to the first frame 17” (page 7, lines 20-21), but it does not clearly disclose how the second frame is removably attached to the first frame.

The specification further discloses “the interconnection section 56 between the first and the second frame is designed, The interconnection allows adjustments in X ..., Y..., Z.. directions” (page 7, last two lines and page 8, line 1), but it does not clearly describe how the structure of the interconnection section is arranged in order make the adjustments.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 8-10 and 15 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

Regarding claims 8 and 15, see discussion in the objections to the specification under 37 CFR 1.71 as set forth above with regard to the removable and adjustable functions. The specification does not clearly describe how the second frame is removable and adjustable connected to the first frame. Therefore, it is unclear how one would make the calendar arrangement including the subject matter of claims 8 and 15 because it's not known what is the claimed structure.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 9 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claim 9, line 3, there is insufficient antecedent basis for the limitation "the directions" in the claim.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by anticipated by Koskinen et al. (hereinafter “Kos”) (US 6,003,440).

Regarding claim 1, Kos discloses a method for treating a web (W) with heat (col. 4, lines 25-27) and compression in a calender arrangement (fig. 1, 2, 3, or 4), in addition to a first stack of rolls (see the left set of rolls in fig. 1), the calendering arrangement is provided with a second stack of roll (see the right set of rolls in fig. 1), each of which includes one or more calendering nips (N'), the calendering treatment is selected to be performed in calendering nips which can be of the first stack and the second stack (fig. 1) where each of the stacks can be used as a combination together (fig. 1).

Note that the claim is not drafted in conventional method steps. However, the Examiner treats the limitations “the calender arrangement is provided” (line 2) and “the calendering treatment is selected” (lines 3-4) as the claimed method steps.

Claims 8-10 and 15 are rejected under 35 U.S.C. 102(b) as being anticipated by anticipated by Svenka et al. (hereinafter “Svenka”) (US 6,688,218).

Regarding claims 8 and 15, Svenka discloses a calender arrangement comprising a first stack or rolls (4-7) arranged on a first frame (13) and a second stack of rolls (4'-7') "arranged" on a second frame (18'). Both of the first stack of rolls and the second stack of rolls further comprises a plurality of calendaring nips (9-11 and 9'-11'), wherein the nips to be used are selectable out of both of the stack of rolls (fig. 3) and both of the stacks of rolls are used in combination together (fig. 3). The second frame (18') is adjustable connected (i.e. adjustable by movement of the cylinder (19')) to the first frame (13). The second frame (18') is slidably attached to the first frame (13) (fig. 3), and thus, the second frame is capable to be removed from the first frame.

Regarding claim 9, the second frame is adjustable in relation to the first frame (fig. 3) such that the adjustment is feasible in a Y direction (fig. 3).

Regarding claim 10, the web is guided first through the nips of the first stack (fig. 3) and after that through the nips of the second stack (fig. 3).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

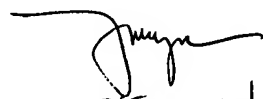
US 6,199,477 to Brendel discloses a calender arrangement having a first stack of rolls arranged on a first frame (12) and a second stack of rolls arranged on a second frame (72), wherein the second frame is removable and adjustable connected to the frame (see the arrows in the second frame in fig. 7). But the second stack of rolls does not include a calendaring nip.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jimmy T. Nguyen whose telephone number is (571) 272-4520. The examiner can normally be reached on Monday-Thursday 7:30am-5:00pm with alternating Friday 7:30am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Derris Banks can be reached on (571) 272- 4419. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JTNguyen
April 12, 2007


JIMMY T. NGUYEN
EXAMINER- AU3725